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# VS NOBURN

## FABRIC/UPHOLSTRY

## SPECIAL PAINTS

### Description

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NO BURN is ecofriendly waterbased fireretardant clear coat system used to retard fire in most absorbent fabrics, including polyester, woven fabrics and nonwoven fabrics. It forms a thermal insulation barrier that prevents dangerous flames from spreading. NO BURN is clear odorless and inhibits the development of toxic smokes

### How does it work?

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First it resist the fire with the help of special fire resistant chemicals then it releases water molecules after prolonged exposure to fire simultaneously it releases small amount of gases to block the oxygen in the surrounding area hence due to lack of oxygen presence of water and prevention of spread of flame the fire does not spread and gets retarded

### Area of Use

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Schools, daycare, nursing homes, restaurants, hotels, theatres, raw wood paper fabrics or thatched roof, curtains posters, boxes, uniform clothing, carpeting, packing materials etc. it is specially used in premises required wood finish visible

### Properties & Advantages

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- o Easy to use- just spray or dip the item and allow it to dry
- o Helps prevent spread of dangerous flames

- Inhibits toxics smoke development
- Non corrosive & non staining
- Non-hazardous and safe to store nontoxic and ecofriendly
- Excellent anti -fungal and algae resistant characteristics\ non film forming property

## Technical Specifications

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1	Nature	Fire preventing clear liquid
2	Total solid	35 %
3	PH	4
4	viscosity	14 sec.
5	Specific gravity	1.1
6	Colour	Clear aqueous solutions
7	Shelf life	6 month in seal condition
8	Health hazardous	If handled in good industrial hygiene and safety practice it is not health hazardous
9	Weathering properties	Algae fungal resistant
10	Reactivity	0
11	Chemical family	Amino salts in water solution
12	coverage	80- 100 square feet per liter depending on nature of the substrate
13	Boiling	Not applicable
14	Odor	Odorless
15	Melting point	Decomposes at 160 c and above
16	Flash point	Does not catches fire
17	Application	Dip coating or spraying
18	Drying time	30 minutes on an average ( depending on climate and nature of substrate)
19	Finish	Does not form separate

## Application Procedure

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### For Wood

Wooden grains should be first filled with water based filler of the same colour as wood or required colour, after drying the surface should be sanded down lightly. Apply NO BURN by brush roller or spray in case over coating is required should be applied without sanding the surface, now wooden surface is ready for prevention of fire

### For Fabrics

For fabrics soak the fabrics in the chemical and let it dry. Iron press the fabric and it is ready as fire resistant fabrics, just spray the chemical and allow it to dry if the NO BURN are used to fire retard clothing carpeting and other fabrics it is recommended that NO BURN be reapplied after washing as the effectiveness will be diminished due to washing

## Material Safety Data Sheet

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**For Disposal** contact state local and federal authorities as required

Waste disposal method: Disposal of product in accordance with local country state and federal regulations

**Storage and handling:** Store tightly closed containers in a cool dry well-ventilated area use good personal hygiene practice avoid product contact

### First Aid procedures

Eyes: for direct contact flush effected eyes with clean water if irritation or redness develops seek medical attention

Skin: remove contaminated clothing wash effected area with mild soap and water. If irritates or redness develops or persists seek medical attention

Inhalations: If irritation to nose throat or lungs occurs move victim away from exposure and in to fresh air, if irritation persists seek medical attention

### Personal protection measure

Respiratory: use nose approved filter type respirator as needed

Gloves: The use of gloves impermeable to the material is advisable to prevent possible skin irritation

Eyes: -Approved eye protection to safe guard against potential eye contact—irritation or injury is recommended

1	Stability	Very stable
2	Condition to avoid	Not applicable
3	In compatibility with other material	Avoid contact with strong oxidizing agents
4	Hazardous decomposition products	Thermal decomposition in the presence of air may yield ammonia, carbon monoxide , carbon dioxide phosphorous oxide and oxides of nitrogen
5	Hazardous polymerization	Will not occur
6	Health hazardous data Eyes	Contact with aqueous solution may be irritate to eyes and may cause burning , tearing and redness
7	Skin effects	Prolong or repeated contact may cause skin irritation, avoid exposure to water solution or slurries
8	Inhalation	Not applicable
9	Ingestion	Ingestion of excessive quantities may cause irritation of the digestive tract , give large glass of milk do not induce vomiting call physician immediately
10	Chronic hazard	No known chronic hazards

As with all chemical products, care should be taken during use and storage to avoid contact with eyes, no special protection required while handling.

## Note

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All data in the technical application information given to our customers are examples of indications as to the possible ways of applying our products that are known to us and that correspond to the present state of our knowledge. Due to the numerous possible application variations in industrial practice and the necessary limited number of application examples that have been prepared, this information is given without obligation or liability of any kind whatsoever on our part.